

<sup>TM</sup>  
**VERLASOL 100**  
**XYLENE DILUENT**

VERLASOL 100 is a diluent used for our different system like Waterguard PU ,Verl@c RM and many other application including tools cleaning solvent.

**Composition :99.9% of Xylene**

**Features and Benefits**

- Blush resistant
- Medium evaporation rate
- Good leveling and gloss
- Highly miscible with other common organic solvents
- Compatible with most substrates used in electronic parts and enclosures

**Principal Components Name**

CAS Number xylene (isomers) 1330-20-7 ethylbenzene 100-41-4

Usage Parameters Properties Value Shelf Life 5 y

Temperature Ranges Properties Value Storage Temperature -20 to 40 °C Limits a) [-4 to 104 °F]

- a) Storage below zero is not necessary.
- b) Cool, dry, and well ventilated area recommended.

**Properties**

**Physical Property**

Method Value Color Clear, slight yellow

Odor Aromatic

Density @25 °C [77 °F] 0.87 g/mL

Viscosity @25 °C [77 °F] <20.5 mm<sup>2</sup>/s

Flash Point Tag Closed Cup 25 °C [77 °F]

Freezing Point -47 °C [-54 °F]

Boiling Point 137 °C [279 °F]

Vapor Pressure @25 °C [77 °F] 1 kPa [7.5 mmHg]

Relative Evaporation Rate 0.86 (ButAc=1)

Volatile Organic Compound (VOC) 100% [870 g/mL]

MIR value 7.37 Solvation Parameters

Value Solubility in water Negligible (0.00003 g/100 g) Hansen Solubility

Parameters a) Total 8.7 [17.8] (cal/cm<sup>3</sup>)<sup>1/2</sup> ; [MPa]<sup>1/2</sup> Non-Polar 8.6 [17.6] Polar

0.5 [1.0] Hydrogen Bonding 1.5 [3.1] a) Hansen parameters calculate using

component literature values and volume fraction composition.

**HEALTH & SAFETY**

VERLASOL 100 is flammable and toxic . However, splashes on skin when occurs should be washed with water.

HAMCO SARL manufactures entire range of construction chemicals Protective coatings ,wood coatings ,decorative paints ,water proofing systems

**TECHNICAL SERVICES**

While new advances and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our technical personnel & experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.